

Tic Tac Toe

Using <http://labs.codecademy.com>, develop a game of Tic Tac Toe (noughts and crosses).

Specifications:

The game should work as follows:

- The game board is printed over 3 rows, with each row containing 3 cells, for a total of 9 cells, numbered 1 - 9.
- Players select a cell to play in by entering a number 1 - 9
- The board will then be printed again with an appropriate symbol in the chosen cell.

Steps:

1. Create a variable for each of the 9 spaces. Set their values to the values which should be shown the first time the board is printed.
2. Print the board. Do this with three print statements, one for each line.
3. Ask the player for their choice of space. Store there choice in a new variable.
4. Change the value of the chosen space to "X"
5. Print the board again

Expected Output:



```
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▶ Run

You're running Python version 2.7.2. To get started, type in the console below
or the text editor to the left. Want to learn more about Python? Take
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>
1 2 3
4 5 6
7 8 9
Choose a space (1-9): 3
1 2 x
4 5 6
7 8 9
> 
```

Challenges:

6. Replace the 9 variables for the board spaces with a single list. See http://www.tutorialspoint.com/python/python_lists.htm for a straightforward explanation of lists.
7. Add a loop so the game can progress past the first move. Make sure you switch players each turn.
8. Make your program check for a win or a draw and print out an appropriate message.